

 <h1 style="margin: 0;">FEE TRANSMITTAL</h1>		Application Number: 10/646,678																																																													
		Filing Date: August 22, 2003																																																													
		First Named Inventor: Peter Wilding, et al.																																																													
		Title: Device and Method for the Detection of an Analyte Utilizing Mesoscale Flow Systems																																																													
Total Amt of Payment (1) + (2) + (3) = \$580		Attorney Docket Number: 1070-PENN-E-890-CON5																																																													
METHOD OF PAYMENT (check one) <input checked="" type="checkbox"/> Authorization is hereby granted to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account 04-1406. <input checked="" type="checkbox"/> Any filing fees under 37 C.F.R. §1.16 for the presentation of extra claims. <input checked="" type="checkbox"/> Any patent application processing fees under 37 C.F.R. §1.17 Any extensions of time that are required to maintain this application in a pending status, if not included herewith, are hereby requested. Authorization is hereby granted to charge such extension fees to Deposit Account No. 04-1406. Two copies of this transmittal are enclosed for accounting purposes. <input checked="" type="checkbox"/> Payment enclosed: \$ <u>580.00</u>		3. ADDITIONAL FEES <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Fee Description</th> <th style="text-align: right;">Fee Paid</th> </tr> </thead> <tbody> <tr><td>Surcharge-late filing fee or oath</td><td>_____</td></tr> <tr><td>Application Size Fee</td><td>_____</td></tr> <tr><td>For filing a request for reexamination</td><td>_____</td></tr> <tr><td>Extension for response within one month</td><td style="text-align: right;">\$450</td></tr> <tr><td>Extension for response within second month</td><td>_____</td></tr> <tr><td>Extension for response within third month</td><td>_____</td></tr> <tr><td>Extension for response within fourth month</td><td>_____</td></tr> <tr><td>Notice of Appeal</td><td>_____</td></tr> <tr><td>Filing a brief in support of an appeal</td><td>_____</td></tr> <tr><td>Request for oral hearing</td><td>_____</td></tr> <tr><td>Petition to revive unintentionally abandoned application</td><td>_____</td></tr> <tr><td>Issue Fee</td><td>_____</td></tr> <tr><td>Advance Orders</td><td>_____</td></tr> <tr><td>Publication Fee</td><td>_____</td></tr> <tr><td>Petitions to the Commissioner</td><td>_____</td></tr> <tr><td>Petitions related to provisional applications</td><td>_____</td></tr> <tr><td>Submission of Information Disclosure Stmt.</td><td>_____</td></tr> <tr><td>Recording each patent assignment per property</td><td>_____</td></tr> <tr> <td>Other fee (specify) <u>Terminal Disclaimer</u></td> <td style="text-align: right;">\$130</td> </tr> <tr> <td style="text-align: right;">SUBTOTAL (3)</td> <td style="text-align: right;">\$580</td> </tr> </tbody> </table>		Fee Description	Fee Paid	Surcharge-late filing fee or oath	_____	Application Size Fee	_____	For filing a request for reexamination	_____	Extension for response within one month	\$450	Extension for response within second month	_____	Extension for response within third month	_____	Extension for response within fourth month	_____	Notice of Appeal	_____	Filing a brief in support of an appeal	_____	Request for oral hearing	_____	Petition to revive unintentionally abandoned application	_____	Issue Fee	_____	Advance Orders	_____	Publication Fee	_____	Petitions to the Commissioner	_____	Petitions related to provisional applications	_____	Submission of Information Disclosure Stmt.	_____	Recording each patent assignment per property	_____	Other fee (specify) <u>Terminal Disclaimer</u>	\$130	SUBTOTAL (3)	\$580																		
Fee Description	Fee Paid																																																														
Surcharge-late filing fee or oath	_____																																																														
Application Size Fee	_____																																																														
For filing a request for reexamination	_____																																																														
Extension for response within one month	\$450																																																														
Extension for response within second month	_____																																																														
Extension for response within third month	_____																																																														
Extension for response within fourth month	_____																																																														
Notice of Appeal	_____																																																														
Filing a brief in support of an appeal	_____																																																														
Request for oral hearing	_____																																																														
Petition to revive unintentionally abandoned application	_____																																																														
Issue Fee	_____																																																														
Advance Orders	_____																																																														
Publication Fee	_____																																																														
Petitions to the Commissioner	_____																																																														
Petitions related to provisional applications	_____																																																														
Submission of Information Disclosure Stmt.	_____																																																														
Recording each patent assignment per property	_____																																																														
Other fee (specify) <u>Terminal Disclaimer</u>	\$130																																																														
SUBTOTAL (3)	\$580																																																														
FEE CALCULATION <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">1. BASIC FILING, SEARCH AND EXAM. FEES</th> <th>Fee</th> </tr> <tr> <th></th> <th>Filing</th> <th>Search</th> <th>Exam</th> </tr> </thead> <tbody> <tr><td>Utility</td><td></td><td></td><td style="text-align: right;">0</td></tr> <tr><td>Design</td><td></td><td></td><td>_____</td></tr> <tr><td>Plant</td><td></td><td></td><td>_____</td></tr> <tr><td>Reissue</td><td></td><td></td><td>_____</td></tr> <tr> <td colspan="3" style="text-align: right;">SUBTOTAL (1)</td> <td style="text-align: right;">\$0</td> </tr> </tbody> </table> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="4">2. Claims Fees</th> </tr> <tr> <th># of Claims - Paid</th> <th>Extra Claims</th> <th>Fee/Claim</th> <th>Fee</th> </tr> </thead> <tbody> <tr> <td>Total Claims 50 - 51 = (a)</td> <td style="text-align: center;">0</td> <td style="text-align: center;">50</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td>Indep Claims 1 - 1 = (b)</td> <td style="text-align: center;">0</td> <td style="text-align: center;">200</td> <td style="text-align: right;">\$0</td> </tr> <tr> <td colspan="4" style="text-align: center;">Multiple Dependent Claim Fee</td> </tr> <tr> <td colspan="4">(a) Enter 20 or number previously paid for</td> </tr> <tr> <td colspan="4">(b) Enter 3 or number previously paid for</td> </tr> <tr> <td colspan="3" style="text-align: right;">SUBTOTAL (2)</td> <td style="text-align: right;">\$0</td> </tr> </tbody> </table>		1. BASIC FILING, SEARCH AND EXAM. FEES			Fee		Filing	Search	Exam	Utility			0	Design			_____	Plant			_____	Reissue			_____	SUBTOTAL (1)			\$0	2. Claims Fees				# of Claims - Paid	Extra Claims	Fee/Claim	Fee	Total Claims 50 - 51 = (a)	0	50	\$0	Indep Claims 1 - 1 = (b)	0	200	\$0	Multiple Dependent Claim Fee				(a) Enter 20 or number previously paid for				(b) Enter 3 or number previously paid for				SUBTOTAL (2)			\$0		
1. BASIC FILING, SEARCH AND EXAM. FEES			Fee																																																												
	Filing	Search	Exam																																																												
Utility			0																																																												
Design			_____																																																												
Plant			_____																																																												
Reissue			_____																																																												
SUBTOTAL (1)			\$0																																																												
2. Claims Fees																																																															
# of Claims - Paid	Extra Claims	Fee/Claim	Fee																																																												
Total Claims 50 - 51 = (a)	0	50	\$0																																																												
Indep Claims 1 - 1 = (b)	0	200	\$0																																																												
Multiple Dependent Claim Fee																																																															
(a) Enter 20 or number previously paid for																																																															
(b) Enter 3 or number previously paid for																																																															
SUBTOTAL (2)			\$0																																																												

Submitted By: Patrick J. Hagan Reg. Number 27,643

Signature Patrick J. Hagan

Date June 13, 2005

Deposit Account User ID
04-1406